

Cheng et al.
Dual Match-Line, Twin-Cell, Binary-Ternary
CAM
S/N 10/064,770
Atty. Docket #60409.300301

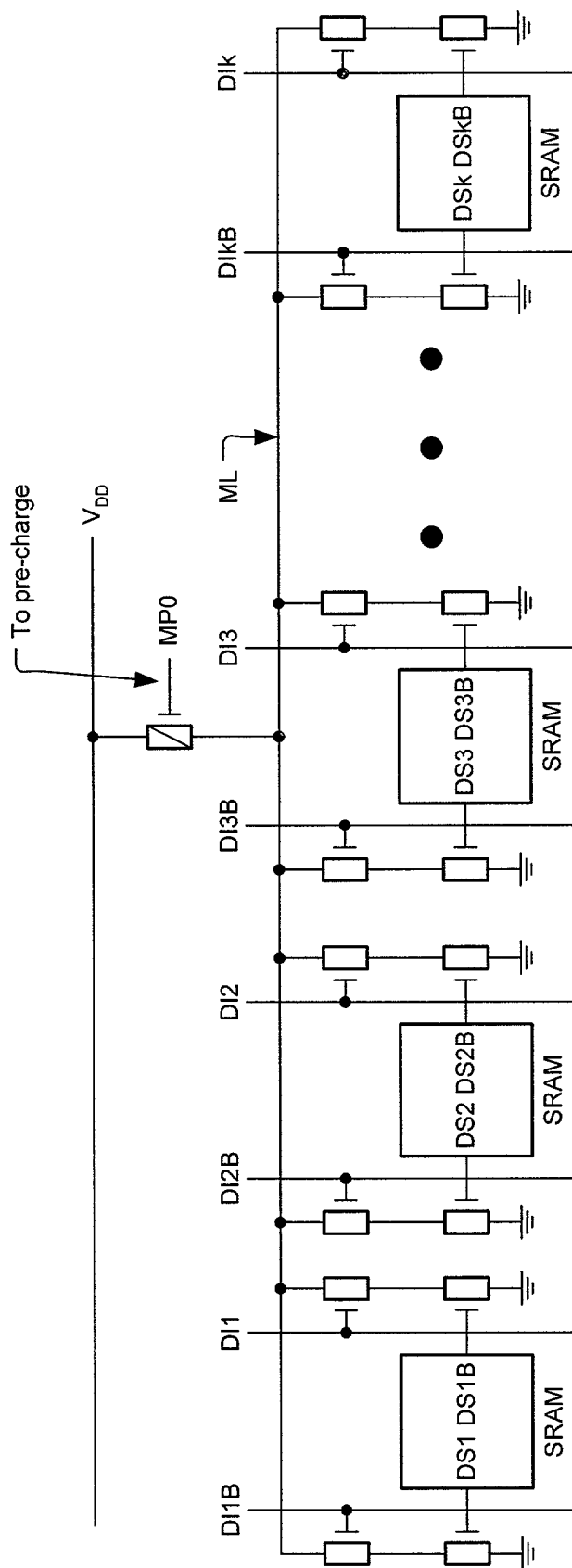


FIG. 1
(background art)



Cheng et al.
Dual Match-Line, Twin-Cell, Binary-Ternary
CAM
S/N 10/064,770
Atty. Docket #60409.300301

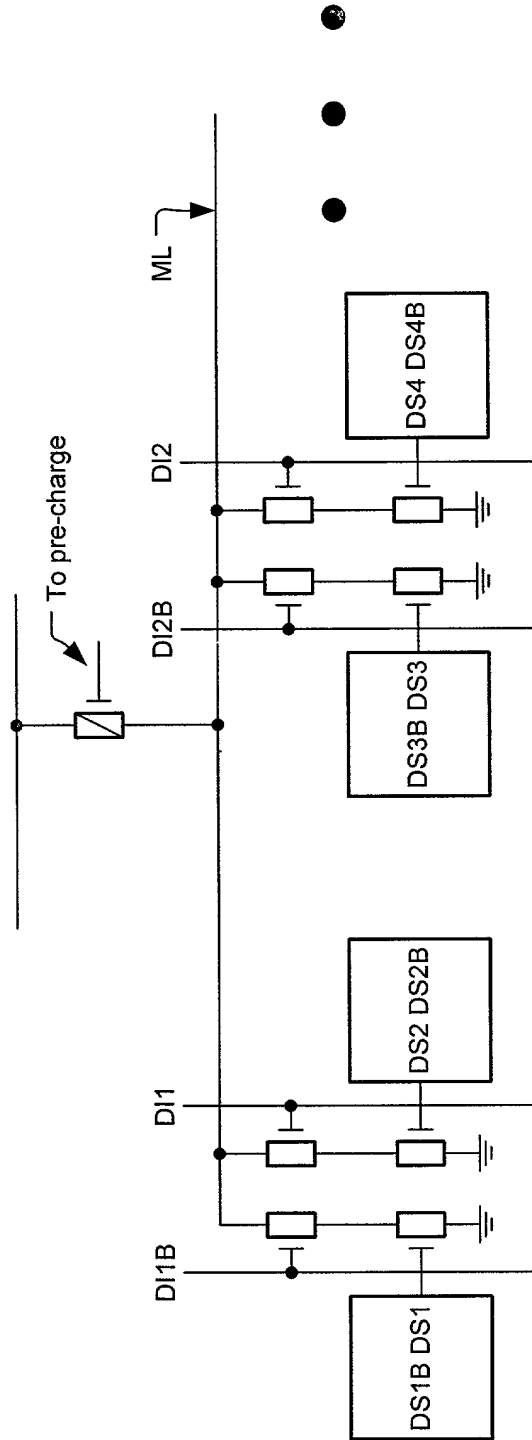


FIG. 2
(background art)



Cheng et al.
Dual Match-Line, Twin-Cell, Binary-Ternary
CAM
S/N 10/064,770
Atty. Docket #60409.300301

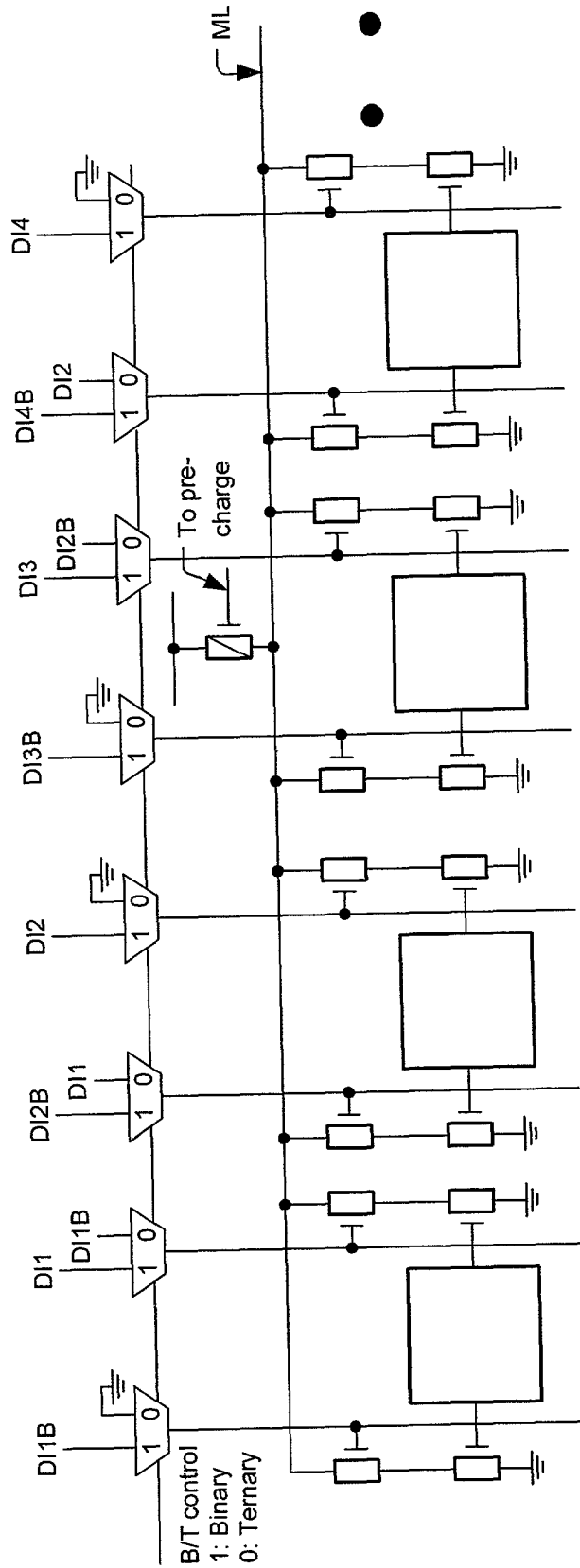


FIG. 3



Stamp: OIPE JC59
OCT 09 2002
DAYTON'S TOWERS AIRCRAFT

[illegible]



3-phase comparison cycle
Phase1: Data input phase
Phase2: Comparison phase
Phase3: Sampling phase

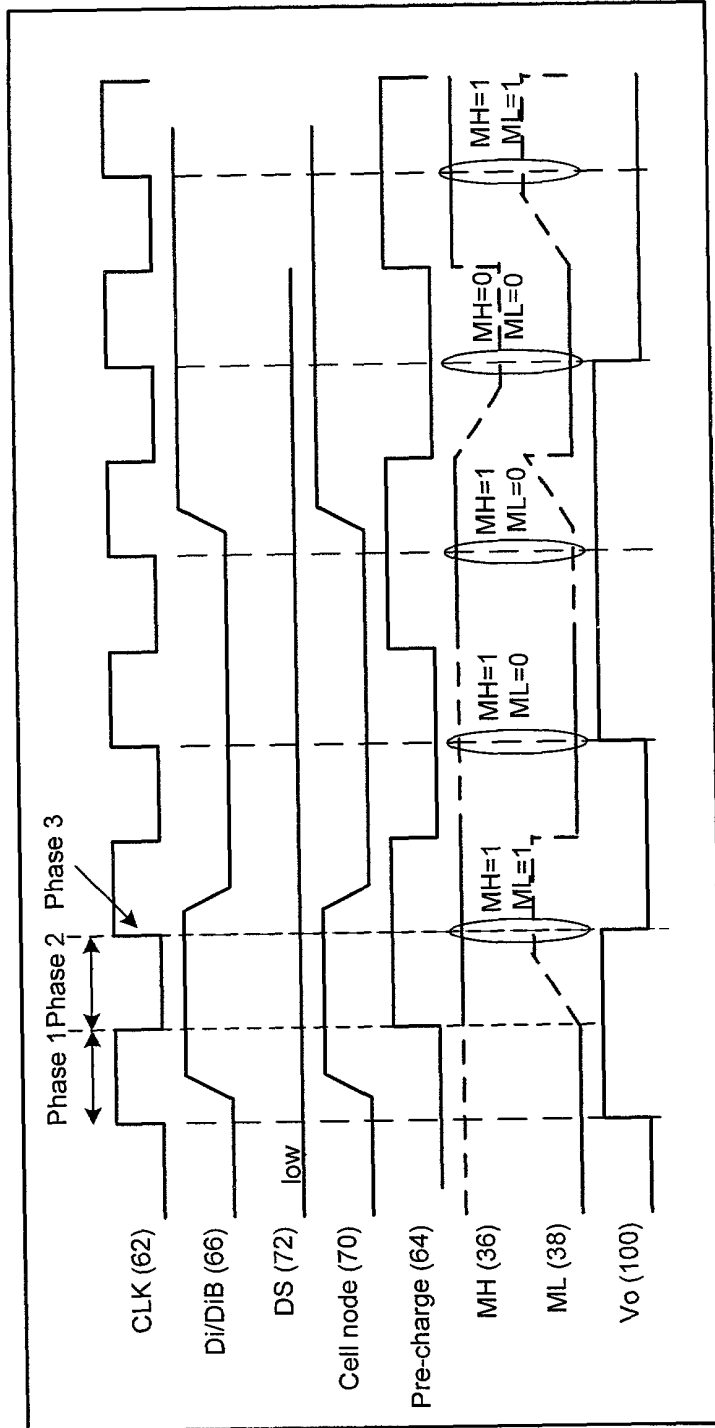
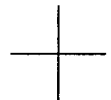
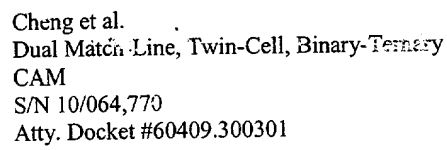
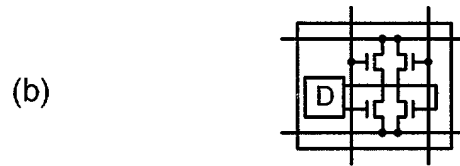
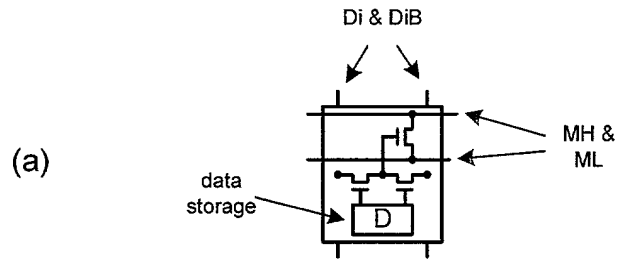


FIG. 6





Binary CAM cell examples

Ternary CAM cell examples

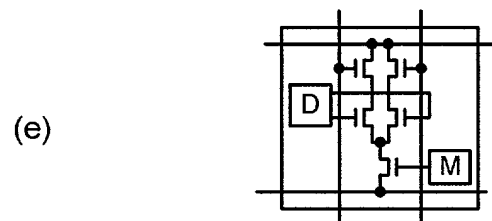
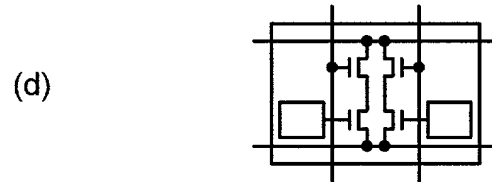
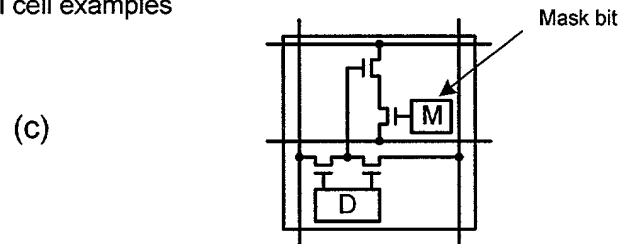


FIG. 8